

REMARKS

Claims 1 - 42 are pending. By this amendment, claims 1, 21, 22, and 39 are amended and claims 41 and 42 are cancelled. No new matter is introduced. Reconsideration and issuance of a Notice of allowance are respectfully requested.

On page 2 the Office Action rejects claims 1 - 7, 9, 10, and 21 - 30 under 35 U.S.C. §102(e) over U.S. Patent 7,042,877 to Foster (hereafter Foster). This rejection is respectfully traversed.

Considering claim 1, the Office Action asserts that Foster teaches all that is recited. However, claim 1 is amended to recite the additional features, originally recited in independent claim 13, of a payload section with “information including a subject and an attribute” and the additional steps of “retrieving subscriptions based on the subject” and “applying the attribute to the subscriptions.” These amendments make claim 1 patentable in view of Foster.

Similar to claim 1, claims 21 and 22 are amended to recite the additional features, originally recited in independent claim 13, of a payload section with “information including a subject and an attribute” and the additional steps of “retrieving subscriptions based on the subject” and “applying the attribute to the subscriptions.” These amendments also make claims 21 and 22 patentable in view of Foster.

Claims 2 - 7, 9, and 10 depend from patentable claim 1; claims 23 - 30 depend from patentable claim 13. For these reasons and the additional features they recite; claims 2 - 7, 9, 10, and 23 - 30 also are patentable.

Withdrawal of the rejection of claims 1 - 7, 9, 10, and 21 - 30 under 35 U.S.C. §102(e) is respectfully requested.

On page 8 the Office Action rejects claims 13 - 18 and 31 - 36 under 35 U.S.C. §102(e) over U.S. Patent Publication 2002/0150093 to Ott (hereafter Ott). This rejection is respectfully traversed.

Considering claim 13, the Office Action asserts that Ott discloses all that is recited. More particularly, the Office Action equates Ott’s semantic signature (paragraph [0046], line 20) with the claimed message subject; and the semantic descriptors (paragraph [0046], line 24 with the claimed attributes. The Office Action then asserts that Ott discloses at paragraph [0036], lines 15 - 19 and paragraph [0035], lines 8 - 12, respectively, the recited steps of retrieving a

subscription based upon the subject and applying the attribute to the subscription in order to determine how to route the message to a subscriber.

Applicant disagrees with this characterization of Ott. Ott is directed to a system for routing data in a network based on the content of the data. The data to be routed is organized into semantic packets 30, described in detail in paragraph [0046]. Each such semantic packet 30 includes a semantic signature 410. Ott's content consumers each have a semantic profile 15, described in detail in paragraph [0047]. The semantic profile 15 includes at least one semantic signature 505. To make a routing determination, Ott's system compares the semantic signatures 505 and 410. See paragraph [0036], lines 15 - 18. "When a semantic packet matches a semantic profile for a link [i.e., the semantic signatures 505 and 410 match], the semantic packet propagates across that link towards the matching content consumer or consumers." See paragraph [0036, lines 27 - 30. That is, Ott's system uses only the semantic signatures 505 and 410 to route a data packet. Ott most definitely does not "retrieve a subscription based on the subject," as recited in claim 13. The closest Ott's system even comes to this step is comparison of the semantic signature 505.

In contrast to Ott, claim 13 recites receiving a message having a header section, at least one subject, and at least one attribute, the attribute relating to a video clip from a particular camera; retrieving the subject and the attribute from the message; retrieving a subscription based upon the subject; and applying the attribute to the subscription in a network core in order to determine how to route the message to a subscriber to information from the particular camera. As noted above, Ott compares semantic signatures. Ott does not retrieve a subscription based on a subject in a message and then make a routing decision based on an attribute from that message. Accordingly, Ott does not disclose or suggest all the features of claim 13, and claim 13 is patentable. Claim 31 recites features similar to those of claim 13, and for this reason, claim 31 also is patentable.

Claims 14 - 18 depend from patentable claim 13; claims 32 - 36 depend from patentable claim 31. For these reasons and the additional features they recite, claims 14 - 18 and 32 - 36 also are patentable.

Withdrawal of the rejection of claims 13 - 18 and 31 - 36 under 35 U.S.C. §102(e) is respectfully requested.

Amended claims 1, 21, and 22 each recite features similar to those of patentable claims 13 and 31. For this reason, claims 1, 21, and 22 also are patentable in view of Ott.

On page 13 the Office Action rejects claims 39 - 41 under 35 U.S.C. §102(e) over U.S. Patent Publication 2002/0175995 to Sleenckx (hereafter Sleenckx). This rejection is respectfully traversed.

Claim 39 is amended to recite features similar to those of patentable claims 13 and 31, and for this reason, claim 39 is patentable in view of Ott. Sleenckx does nothing to remedy the defects of Ott, and, accordingly, amended claim 39 is patentable in view of Sleenckx. Claim 40 depends from patentable claim 39, and for this reason and the additional features it recites, claim 40 also is patentable. Claim 41 is cancelled and its rejection is moot.

Withdrawal of the rejection of claims 39 - 41 under 35 U.S.C. §102(e) is respectfully requested.

On page 14 the Office Action rejects claims 8, 11, 12, 29, and 30 under 35 U.S.C. §103(a) over Foster in view of Sleenckx. This rejection is respectfully traversed.

Claims 8, 11, and 12 depend from patentable claim 1; claims 29 and 30 depend from patentable claim 22. For these reasons and the additional features they recite, claims 8, 11, 12, 29, and 30 also are patentable.

Withdrawal of the rejection of claims 8, 11, 12, 29, and 30 under 35 U.S.C. §103(a) is respectfully requested.

On page 18 the Office Action rejects claim 42 under 35 U.S.C. §103(a) over Sleenckx in view of Foster. This rejection is respectfully traversed.

Claim 42 is cancelled and its rejection is moot.

Withdrawal of the rejection of claim 42 under 35 U.S.C. §103(a) is respectfully requested.

On page 19 the Office Action rejects claims 19, 20, 37, and 38 under 35 U.S.C. §103(a) over Ott in view of Sleenckx. This rejection is respectfully traversed.

Claims 19 and 20 depend from patentable claim 13; claims 37 and 38 depend from patentable claim 31. For these reasons and the additional features they recite, claims 19, 20, 37, and 38 also are patentable.

Withdrawal of the rejection of claims 19, 20, 37, and 38 under 35 U.S.C. §103(a) is respectfully requested.

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In view of the above amendments and remarks, Applicant contends that claims 1 - 42 are patentable and respectfully requests reexamination and issuance of a Notice of Allowance.

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Respectfully submitted,

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